

Handicraft Industry's Development Problems, by
Jozef Gabjan, 6 pp.
POLISH, per. Zwiaz Gosciniarski, No 49, 3 Dec 1967,
p 9.
JPRS 43896

Jozef Gabjan

EX/Poland
Econ
Jan 68

98,245

I. Gablankowski

*The origin of some defects found in fracture of
extruded brass products. 25 pp.*

*POLISH, Prace. Instytutu Hutniczego, Vol. 11, No. 3, 1970
pp 149-158*

AIR/FTD-ND-23-158-72

U.S. GOV'T USE ONLY. COPYRIGHT INFORMATION

out 72

80
Studies on Hot and Cold Rolling of Tin-
Phosphorus Bronze, by L. Gablankowski.
POLISH, per, Prace Inst. Hutniczych, Vol. 17,
No 10, 1965, pp 9-16.
Chem Trans Sv 2872

L. Gablankowski

326,294

Sci - Materials
May 67

laboratory tests made with an alkali, the electrolysis
fuel cell for saving power in the electrolysis
for alkali chloride. Part 1, E. Gabler, K.
Schwabe.

GERMAN, for, Chem. Tech., Vol 19, No 7, 1907,
pp. 421-424.

CRL/D 801

E. Gabler

Sci-Chem

Aug 69

389,628

145
On the Combination of the Phase Contrast
Process with Fluorescence Microscopy,
by F. Gähler, F. Herzog.
FRENCH, por, Applied Optics, Vol 4,
pp 469-472, 1965 9020010
AEC UCRL-17-1228

F. Gähler

Sci-Engr
Nov 65

201,963

Transit Gas Pipeline's Control System
Described, by Stefan Gabmayer, 12 pp.
GOVERNMENT USE ONLY
SLOVAK, per, Plyn, Prague, No 8, Aug '72,
pp 248-252.
JPRS/L 4301

Nov 72

The Transformations of Information in Optics, by D. Gabor. 190
GERMAN, per, Optica Acta, Vol 13, No 4,
1966, pp 299-310.
NLL Ref: 3774.5 (1785)

Sci-Phys
Mar 69

377.048

17
Schools Developed for National Minorities, by
Janosi Gabor, 18 pp.
SERVO-CROATIAN, per. Jugoslaveni Pravljeni,
Jan 1968, pp 31-34.
JPRS 45,866

JANOSI GABOR

SE Yugo
educ
Aug 68

361,465

M.D. Gabovich

Nonlinear Interaction of an Electron Beam
With a Plasma, by M. D. Gabovich.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov. Phys.

Vol 199, No 4, August 1971, pp 799-801.

Am Inst of Phys

Vol 16, No 8, February 1972

Mar 72

4(CTO-799) 6NEUTRALIZATION OF ION BEAM SPACE
CHARGE BY INJECTED ELECTRONS. 6Gabovich, M. D.; Bolo-
shenko, I. A.; Ovcharenko, A. D. 10Translated by A. G. Cheney for
Culham Lab., Abingdon, Eng., from 18Ukr. Fiz. Zh. (Russ. Ed.); 16:
No. 5, 813-22(1971). 2:6p. 24Dep. NTIS (U. S. Sales Only).

26physics; translations 2720

21MN-34 23NP NSA

Some Features of Plasma Outflow From the Discharge
in a Magnetic Field up to 100 koe, by
M. D. Gabovich, et al.
RUSSIAN, per, Ukrainskiy Fizicheskiy Zhurnal,
Vol 13, No12, 1968, pp 1977-1988
FTD HT Special 19-70 1982

M. D. Gabovich

feb 70

401,052

On Some Features of Plasma Flow From a Discharge
in a Magnetic Field of up to 100 KOG,
by M. D. Gabovich, P. D. Starchuk,
RUSSIAN, per, Ukrainskii Fizicheski Zhurnal,
Vol 13, No 12, 1968, pp 1977-1982,
Dept of Navy APL/JHU T-633

M. D. Gabovich

Sci-Math
Jan 71

M. D. Gabovich

Interaction of Ion Beams With Plasma Leading to "Two-Beam" Instabilities, by M. D. Gabovich, 18 pp

RUSSIAN, rpt, International Atomic Energy Agency.

Conference on Plasma Physics and Controlled Nuclear

Fusion Research, Sept 6-10, 1965.

NTC-71-10392-201

AEC ORNL-6870

Nov 71

Physics and Technology of Plasma Ion Sources, by
M. D. Gabovich.
RUSSIAN, bk, Fizika i Tekhnika Plasmeny
Istochnikov Iony, 1971.
*IPBT

M. D. Gabovich

May 71

Construction Recommendations, Design Criteria
and their Application, by Echeverez A. Gabriel
6pp

SPANISH, rpt. Erosion en concreto causada por
flujo de alta velocidad (National University of
Mexico, Institute of Engineering) No. 220,
August 1969, pp 151-156.
CIA X-7256

Echeverez A. Gabriel

July 1970

The Influence of Addition Agents on the
Properties of Chromium Plating Electrolytes
and Chromium Deposits, by J. Gabriel.
GERMAN, per, Galvanotechnik, Vol 56, No 12,
1965, pp 714-721.
HTC-69-16268-11F

J. Gabriel

Sci-Materials
Feb 70

403,039

Greater Effectiveness of Economic Relations
between East Germany and Czechoslovakia, by
Franz Gabriel, 8 pp.
GERMAN, per, Die Wirtschaft, No 7, 17 Feb
1966, pp. 22-23.
JPRS 34993

Franz Gabriel

EE-Germany
Econ
Apr 66

299,192

Jose Gabriel
National Union of Communications Workers
Established, by Jose Gabriel Guina. 9) page
SPANISH, np. ~~Union~~. Havana, 17 July 1972, p. 1.
JPRS 53797

Sept 71

Jose Gabriel Guma
Cuban Activities at Home, Abroad Highlighted,
by Jose Gabriel Guma, 12 pp.
SPANISH, np. Granma, Havana, 3 June 1972, p 3.
JPRS 56587

Aug 72

José Gabriel Gurn
Citizen-Control Activities of CDR Outlines, by
Jose Gabriel Gurn. 9 pp.
SPANISH. np. ~~Green~~, Havana, 15 Sept 1972, p 11.
JPRS 54256

Oct 71

Vast Rice Project Under Way in Southern ~~Cuba~~ ^{Guinea}.
by Jose Gabriel Guma, 5 pp.
SPANISH, per. Guma, Havana, 17 Jan 1967,
pp 4-5.
JPAS 48480

JOSE GABRIEL GUMA

Sci-Agr
Aug 69

388,899

Havana Province Prepares for Record Sugar
Harvest, by Jose Gabriel Guma, 5 pp.
SPANISH, np, Granma, Havana, 12 Nov 1969,
p 4.
JPRS 49859

Jose Gabriel Guma

Sci-Agr
Jan 70

399,263

Agency: USDA/Forest Service
P.O.No. 253-34-73

0043/0232
10 April 1973

Title: Cardetari Asupra Biologiei Principalelor Unitzi
Defoliatoare ale Stejarului

Author: Ing. Dissectu Gabriela

Source: 1963 ppl-28

Language: Romanian

Instructions: No paste-up, leave space. Translate all
captions.

CP Position on Czechoslovak Problem Questioned,
by S. Gabrielson, 5 pp.
SWEDISH, np, ~~Horskensfläskan~~, Inlee,
29 Oct 1969, pp 4, 5.
JPRS 49282

S. Gabrielson

WE-Sweden
Pol
Nov 69

396,396

Change of Some Physico-Chemical Indicators of
Heat in the Process of Keeping it at -2
to 5°C , by M. Gabrieli'yan, L. Malyutina,
RUSSIAN, per, Myasnaya Industriya 84911,
Vol XXXVII, No 2, 1966, pp 41-43.

NLL RTS 3863

On Loan Only

Sci-54M
Jul 67

350,61M

N. D. Gabrielyan

Specificity of a Series of Glucosylation
Enzymes With Regard to the Structure of
the Hexose Residue of Uridine-Diphosphate-
Glucose, by N. D. Gabrielyan.

RUSSIAN, per, Dok Ak Nauk SSSR, Biokhimiya,
Vol 199, No 4, August 1971, pp 958-964.
CB

Mar 72

G. A. Gabrielyants

Classification of Non-Structural Oil and Gas
Pools, by G. A. Gabrielyants.
RUSSIAN, per, Geologiya Nefti i Gaza, Vol. 11,
No 4, 1970, pp 47-51.
NTC 71-14633-081

Feb 72

Uzbek Official Discusses Cotton Production, by
G. Gabriyel'yants, 6 pp.
RUSSIAN, np. Izvestiya, Moscow, 7 Jan 1971, p 3.
JPRS 52758

Sci-Agr
Apr 71

G. Gabriyel'yants

Proliferative capacity in the acute lymphoblastic
After treatment with Antileukemic, by V. Gabutti.
ITALIAN, Fed. Boll. Soc. Ital. Biol. Sper. Vol. 43,
No 4, 1967, pp 191-195.

ALL HIM
10-27-68

V. Gabutti

Sci-8 and 8
Jan 69

371.7443

G. Kh. Gabuyev

Effect of casting conditions on the quality of the
~~roll~~ rolling surface of ball bearing steel. 6 pp.
RUSSIAN, Problemy Stal'nogo Slitka, 1969, pp 403-407
AIR/FTD-MT-24-730-72

nov 72

Reversible Change in the Absorption Spectrum and
Fluorescence of Adsorbates of Magnesium Pthalocyanine
and Chlorophyll, by V. F. Gachkovskiy.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 2,
May 1969, pp 471-473.

CB

V. F. GACHKOVSKIY

Mar 70

403,948

Self-Adjoint Extensions of Field Operators,
by V. P. Gachok
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 5,
Feb 1968, pp 1033-1035.
The Am Inst Phys.
Vol 13, No 2, August 1968

V. P. GACHOK

Sci-Physics
Oct 68

366,072

Yugoslav Agreements with Hungary, by I. Gacesa, 27
5 pp.
SERBIAN, per, Medjunarodni Transport, No 2,
Feb 1966, pp. 45-47.
JPRS 35083

I. Gacesa

EE-Yugoslav
Econ
Apr 66

299,336

New Agreement between Socialist Countries
on Customs Duties on Goods for Fairs and
Exhibits, by Ilija Gacesa, 8 pp.
CROATIAN, par, Međunarodni Transport, No
12, Dec 1965, pp. 74-76.
JPRS 34887

Ilija GACESA.

EE-Intrabloc
Econ
Apr 66

299,024

How Has Dutch River Shipping Conquered the
European Navigable Waterways, by Paul Gache,
FRENCH, per, Bulletin des Transports, No 1294,
Sept 1966, pp 476-481.
DIA LN 67-67

Sci-Nav
Jul 67

AMM 331,712

Radar Systems on the 'Suffren' and 'Duquesne',
by Gachot, 12 pp.
GOVERNMENT USE ONLY
FRENCH, per, La Revue Maritime, Paris, Dec
1968, pp 1432-1443.
JPRS GUO 2964

Sci-Navi, Com, Det & CM
Mar 69

775 590

Internal Friction Peaks in the Vicinity of 420° C in
Zr-Hf-O Alloys, by J. Gacougnolle.
FREIGN, per, C. R. Acad Sci., Vol 270, 1970, pp 1151-1161.
*NIDS/NDS TT 71-55332
Available NDS Only

J. GACOUGNOLLE

July 71

Participation of Bone Marrow in the Clonation
of Banzens, by I. D. Gadsakina, Zh. N. Abin-
nova, T. P. Viherskaya, 8 pp.

RUSSIAN, per, Gigiyena Truda i Professional'-
nyye Zabolevaniya, No 12, Dec 1965, pp. 3-7.

JPRS 34258

I. D. GADSKINA.

USSR
Sci-B/M
Mar 66

296,583

V. S. Gaidayenko

Problems in Laying Out Assembly Connections, by
M. Ye. Shlegel and V. S. Gaidayenko. 13 pp.
RUSSIAN, rpt, Primeneniye Vychislitel'noy Mashiny
dlya Proektirovaniya i Organizatsii Upravleniya
Shkoy (The Use of Computers for Designing High-
tel Equipment. Collection of Articles), 1st-vo
Sovetskoye Radio, Moscow, 1968, pp 216-227.
AIR/FTD/HI-23-878-70

July 71

42
Regis Tobray and a New Left Movement in Latin
America, by Ricardo Gadea, 5 pp.
SPANISH, per, Punto Final. Santiago,
18 Jan 68, pp. 18-19.
JPRS 44,975

Ricardo Gadea

LA(Peru)
Political
April 68

355,493

S. Gadea

New Materials for Piezoelectric Generators,
by S. Gadea, 6 pp.

ROMANIAN, per. Buletinul Inst Politehnice

"Gheorghe Gheorgiu-Dej", Vol 32, No 3,
1970, pp 137-142.

ACSI-K-2239

FSTC-HT-23-1644-72

May 72

Guerrilla Activity in Peru Reviewed, by Hilda
Gadeo, 10 pp.

GOVERNMENT USE ONLY

SPANISH, np, Juventud Rebelde, 4 July 1967,
p. 8.

JPRS GPO 2511

Hilda Gadeo

LA-Peru

Mil

Sept 67

339,100

M. Gadilhe

Road Building Material Supply for
the Paris Area, by M. Gadilhe.
FRENCH, per, Revue Generale des Routes
et des Aerodromes, Vol 35, 1965,
pp 95-103.
NTC 72-10516-13C

Apr 72

National Economic Plan and Economic Regula-
tors for 1968, by Otto Gado, 14 pp.
HUNGARIAN, per, Kommunistische Gazette, No 10,
Oct 1967, pp 1151-1164.
JPRS 43490

OTTO GADO

EE-Hungary
Econ
Dec 67

346,375

The Amortization Fund of the Farmers' Cooperatives, by Dr. Otto Gado, 8 pp.
HUNGARIAN, per, Magyar Mezőgazdaság, No. 4,
26 Jan 1966, pp. 3-5.
JPRS 34445

Otto Gado

EE-Hungary
Econ
Mar 66

295,901

Helena Gadomska

Cancer Cases in Poland Evaluated, by
Helena Gadomska, 11 pp.

POLISH, por, Stowbie Publikacja, Warszawa,
No 4, Apr 71, pp 307-314.

PRS 51015

Dep 71

9
Investigation of Absenteeism Time Surveys,
by F. Burkhardt and F. Gadow.
GERMAN, per, Arbeitswissenschaft, Vol. 3,
No 3, 1966, pp 143-147.
RL Ref: 8313-A (9484)

F. Gadow

EE-East Germany
Born
July 68

350,142

Gadzhiev, S.

Determination of the Maximum Permissible TDS-
Charge when Freeing Trapped Drilling Pipes.
RAZVEDOCHNAYA GEOFIZIKA, No. 38, pp 127-133,
1970.

NTC 72-60921-081

Feb 73

V. V. Gadzhiev

On Some Explicit Difference Schemes for the
Hydrodynamics Equations.

RUSSIAN, per, Zhurnal Vychislitelnoi Matematiki
i Matematicheskoi Fiziki, Vol 11, 1971, pp 1605-
1605.

HTC 72-13501-20D

Nov 72

95
Industrial Accident Prevention Measures
Stressed, by R. A. Gadzhiyev, 5 pp.
RUSSIAN, per, Energetik, Moscow, No 10,
1969, pp 1-3.
JPRS 50047

R.A. Gadzhiyev
Sci-Tech, Ind, Civ & Mar Engr
Mar 70 402,406

Some Features of the Detachment of
Epithelial Cells in the Small Intestine of
Animals, by Z. M. Gadzhieva.
RUSSIAN, per, Voprosy Pitaniya, Vol 24, No 1,
1965, pp 66-71.
SIA TT-65-64529

Z M Gadzhieva

Sci-BAM
Jul 66

307,574

Farm Irrigation in Northern Caucasus Reviewed,
by A. A. Gadzhiev, 9 pp.
RUSSIAN, per. Gidrotekhnika i Melioratsiya,
Moscow, No 10, 1969, pp 1-6.
JPRS 49430

A. A. Gadzhiev

Sci-Agr1
Dec 69

396,624

Experimental Infection of Gamasid Ticks with
the Causative Agent of Anthrax, by A. T. Gadzhiev,
F. A. Abushev, and S. I. Yuditakaya,
6 pp.

RUSSIAN, per, Izvestiya Akademii Nauk Azerbaidzhan-
skoy SSR Seriya Biologicheskikh nauk, No 6,
1965, pp. 53-57.

JPRS 36428

A. T. Gadzhiev

USSR
Sci-B/M
Aug 66

377,073

M. G. Gadahtyev

Linear stability of three-dimensional equations of hydromechanics with viscosity and thermal conductivity
7 pp.

RUSSIAN, Voprosy Vychislitel'noy Matematiki, 1974,

pp 39-44

AIR/VEDO FTD-HT-23-1077-72

Jan 73

71
Formula for Calculation of Petroleum Oil Viscosity
at Low Temperatures, by Sh. S. Gadzhiev.
RUSSIAN, per, Azerb. Neft. Khim., Vol 45, No 9,
1966, pp 39-40.
*FTD-RT-23-504-68

Sh. S. Gadzhiev
Sci/mt
Jul 68

A. Gajewski

Kalman Filter and Simple Modified-Gauss-Newton
estimation Algorithms, by A. Gajewski and
A. Maritzas. 23 pp.

POLISH, per, *Archiwum Automatyki i Teorii
Cyfrowej*, Vol 25, No 1, 1970, pp 47-59.
AIR/PTN/IT-23-253-71

Sept 71

Sanitary Installations with Prefabricated
Elements, by A. Gaechter.

GERMAN, per, Schweizerischer Verein von
Gas- und Wasserfachmannern. Monatsbulletin,
Vol 47, No 4, 1967, pp 77-90.

*TT 70-58062

Available from NDS

A. Gaechter

Sci-Mech

Mar 70

570
Skeleton Collective Contract on Wages and
Working Conditions for State Farm Workers,
by Christa Gaedecke, 7 pp.
GR1467, per, Die Deutsche Landwirtschaft,
No 7, Jul 1965, pp. 311-314.
JPRS 32175

Gaedecke

EE-Germany
Econ
Oct 65

EEG, JPA

Concentration and the Formation of Metal Carbides, by I. Gauff.

GERMAN, per. Arch. Eisenh. No 7. 1934. pp 107-110.

•NBS TT 70-57483

Sci-Fat
Aug 70

I. Gauff

R. Gaertner

Results of Treatment With Dimethyl Sulfoxide in Scleroderma Circumscripta, by
R. Gaertner,
GERMAN, per, Dermatologische Wochenschrift,
Vol 154, 1968, pp 1015-1022.
NTC-71-10884-060

Nov 71

Meteorological Investigations on Lunar
Lunar Surface, by K. Ia. Kondrat'ev,
V. L. Gaevskiy,
RUSSIAN, ok. Problemy Fiziki Atmosfery,
no. 6, 1968, pp. 3-21
CIA X 7183

V. L. Gaevskiy,

Jan 70

401,285

A PI-Regulator with Non-Linear Interference
Action, by Yu. O. Abagov, M. D. Gufanov. *Izv.*
RUSSIAN, per, *Kibernetika*, No 12, 1966,
pp 12-14.
Dept of Navy/ APL/JMB T-2037

M. D. Gufanov

Sci-Math
Oct 67

343,004

Soviet Programs to Convert Arab Nations to
Socialism, by A. Gafarov, 6 pp.
RUSSIAN, np. ~~Communist Tachikistan~~. Jan/March,
4 Feb 1971, p 2.
JPRS 52560

A. Gafarov

USSR
Pol
Mar 71

Other Small Articles, by Volkswirt, in J. G. Giffen,
GERMAN, per. Binnenschifffahrts-Nachrichten, Vol
IXI, No 37, Edition A, Sept 1960, pp 648, 649-660,
670.

DIA LY 504-668

Sci-ENG Misc
Jul 67

331,702

12
The Schwellgern Harbor - An Illustration
of an Exemplary Harbor Rationalization, by
Hans-Joachim Gaffron, Essen, 5 pp.
GERMAN, per, Der Verkehrs-Ingenieur, Vol. V,
No 4, April 1965, pp 21-23.
DIA LN 679-66

Hans-Joachim Gaffron

5. WE - 4/6
MAR 67

320,460

Practical Experience in the Radiation Hardening of
Lacquers, by H. Durr and K. Gafgen,
GERMAN, per. Ind. Lak. Bet., Vol 37, No 7, 1959,
pp 285-292.
BISI 8142

K. Gafgen

June 71

78
Automated Management Needs Now Approaching,
by L. Galt and D. Zyusin, 5 pp.
RUSSIAN, np, Literaturnaya Gazeta, 8 May
1968, p 10.
JPRS 45686

Sci-Cybernetics
Sept 68

316,000.

L. Galt

Professional work of the Cosmonaut,
by Yu. A. Gagarin, 10 pp.
RUSSIAN, rpt. United Nations Document.
A/CONF.24/V.B.5, 14 June 1968.
JPRS 46690

Sci-Space Tech
Oct 68

367,890

Yu. A. Gagarin

Determination of the Fragmentation Parameters
of the Anti-Charge Component of Primary Cosmic
Rays, by Yu. F. Gagarin, N. S. Ivanov.
RUSSIAN, for, Kosmicheskiye Issledovaniya, Vol
5, No 3, 1967, pp 450-455. PD10363767
Sci Tech Info Facility
ST-CP-NP-10656

Sci-Nucl Sci
Dec 67

341,217

Kinetics of Autooxidation of Polyene
Hydrocarbons, by A. B. Gagarina,
RUSSIAN, per, Dokl Ak Nauk SSSR, Phys Chem,
Vol 195, No 2, Nov 70, pp 387-390,
68

A. B. GAGARINA

Aug 71

The World of Original, by Richard L. Oring, 1970
JAPANESE, Science News, Vol 90, Aug 66, No 2,
pp 1-0

Richard L. Oring

Sci
Apr 67

3-9, 1970

Handicraft Industry's Development Problems, by
Jozef Gabjan, 6 pp.
POLISH, per. Zygmunt Gosciniak, No 49, 3 Dec 1967,
p 9.
JPRS 43896

Jozef Gabjan

EX/Poland
Econ
Jan 68

90,245

I. Gablankowski

*The origin of some defects found in fracture of
extruded brass products. 25 pp.*

*POLISH, Prace. Instytutu Hutniczego, Vol. 11, No. 3, 1970
pp 149-158*

AIR/FTD-ND-23-158-72

U.S. GOV'T USE ONLY. COPYRIGHT INFORMATION

out 72

80
Studies on Hot and Cold Rolling of Tin-
Phosphorus Bronze, by L. Gablankowski.
FOLIA, per, Prace Inst. Hutniczych, Vol. 17,
No 10, 1965, pp 9-16.
Chem Trans Sv 2872

L. Gablankowski

326,294

Sci - Materials
May 67

Laboratory Tests Made with an Alkali Fuel Cell for Saving Power in the Electrolysis of Alkali Chlorides. Part I, E. Gabler, K. Schwabe.

GERMAN, for, Chem. Tech., Vol 19, No 7, 1967, pp. 421-424.

CRL/D 801

E. Gabler

Sci-Chem

Aug 69

389,628

145
On the Combination of the Phase Contrast
Process with Fluorescence Microscopy,
by F. Gähler, F. Herzog.
FRENCH, por, Applied Optics, Vol 4,
pp 469-472, 1965 9020010
AEC UCRL-17-1228

F. Gähler

Sci-Engr
Nov 65

201,963

Transit Gas Pipeline's Control System
Described, by Stefan Gabmayer, 12 pp.
GOVERNMENT USE ONLY
SLOVAK, per, Plyn, Prague, No 8, Aug '72,
pp 248-252.
JPRS/L 4301

Nov 72

The Transformations of Information in
Optics, by D. Gabor. 190
GERMAN, per, Optica Acta, Vol 13, No 4,
1966, pp 299-310.
NLL Ref: 3774.5 (1785)

Sci-Phys
Mar 69

377.048

17
Schools Developed for National Minorities, by
Janosi Gabor, 18 pp.
SERVO-CROATIAN, per. Jugoslavianski Priloz,
Jan 1968, pp 31-34.
JPRS 45,866

JANOSI GABOR

SE Yugo
educ
Aug 68

361,465

M.D. Gabovich

Nonlinear Interaction of an Electron Beam
With a Plasma, by M. D. Gabovich.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov. Phys.

Vol 199, No 4, August 1971, pp 799-801.

Am Inst of Phys

Vol 16, No 8, February 1972

Mar 72

4(CTO-799) 6NEUTRALIZATION OF ION BEAM SPACE
CHARGE BY INJECTED ELECTRONS. 6Gabovich, M. D.; Bolo-
shenko, I. A.; Ovcharenko, A. D. 10Translated by A. G. Cheney for
Culham Lab., Abingdon, Eng., from 18Ukr. Fiz. Zh. (Russ. Ed.); 16:
No. 5, 813-22(1971). 2:6p. 24Dep. NTIS (U. S. Sales Only).

26physics; translations 2720

21MN-34 23NP NSA

Some Features of Plasma Outflow From the Discharge
in a Magnetic Field up to 100 koe, by
M. D. Gabovich, et al.
RUSSIAN, per, Ukrainskiy Fizicheskiy Zhurnal,
Vol 13, No12, 1968, pp 1977-1988
FTD HT Special 19-70 1982

M. D. Gabovich

feb 70

401,052

On Some Features of Plasma Flow From a Discharge
in a Magnetic Field of up to 100 KOG,
by M. D. Gabovich, P. D. Starchuk,
RUSSIAN, per, Ukrainskii Fizicheski Zhurnal,
Vol 13, No 12, 1968, pp 1977-1982,
Dept of Navy APL/JHU T-633

M. D. Gabovich

Sci-Math
Jan 71

M. D. Gabovich

Interaction of Ion Beams With Plasma Leading to "Two-
Beam" Instabilities, by M. D. Gabovich, 18 pp
RUSSIAN, rpt, International Atomic Energy Agency.
Conference on Plasma Physics and Controlled Nuclear
Fusion Research, Sept 6-10, 1965.

NTC-71-10392-201

AEC ORNL-6870

Nov 71

Physics and Technology of Plasma Ion Sources, by
M. D. Gabovich.
RUSSIAN, bk, Fizika i Tekhnika Plasmeny
Istochnikov Iony, 1971.
*IPBT

M. D. Gabovich

May 71

Construction Recommendations, Design Criteria
and their Application, by Echeverez A. Gabriel
6pp

SPANISH, rpt. Erosion en concreto causada por
flujo de alta velocidad (National University of
Mexico, Institute of Engineering) No. 220,
August 1969, pp 151-156.
CIA X-7256

Echeverez A. Gabriel

July 1970

The Influence of Addition Agents on the
Properties of Chromium Plating Electrolytes
and Chromium Deposits, by J. Gabriel.
GERMAN, per, Galvanotechnik, Vol 56, No 12,
1965, pp 714-721.
HTC-69-16268-11F

J. Gabriel

Sci-Materials
Feb 70

403,039

Greater Effectiveness of Economic Relations
between East Germany and Czechoslovakia, by
Franz Gabriel, 8 pp.
GERMAN, per, Die Wirtschaft, No 7, 17 Feb
1966, pp. 22-23.
JPRS 34993

Franz Gabriel

EE-Germany
Econ
Apr 66

299,192

Jose Gabriel
National Union of Communications Workers
Established, by Jose Gabriel Guina. 9) page
SPANISH, np. ~~Union~~. Havana, 17 July 1972, p. 1.
JPRS 53797

Sept 71

Jose Gabriel Guma
Cuban Activities at Home, Abroad Highlighted,
by Jose Gabriel Guma, 12 pp.
SPANISH, np. Granma, Havana, 3 June 1972, p 3.
JPRS 56587

Aug 72

José Gabriel Gurn
Citizen-Control Activities of CDR Outlines, by
Jose Gabriel Gurn. 9 pp.
SPANISH. np. ~~Green~~, Havana, 15 Sept 1971, p 11.
JPRS 54256

Oct 71

Vast Rice Project Under Way in Southern ~~Cuba~~ ^{Cuba}.
by Jose Gabriel Guma, 5 pp.
SPANISH, per. Guma, Havana, 17 Jan 1967,
pp 4-5.
JPAS 48480

JOSE GABRIEL GUMA

Sci-Agr
Aug 69

388,899

Havana Province Prepares for Record Sugar
Harvest, by Jose Gabriel Guma, 5 pp.
SPANISH, mp, Granma, Havana, 12 Nov 1969,
p 4.
JPRS 49859

Jose Gabriel Guma

Sci-Agr
Jan 70

399,263

Agency: USDA/Forest Service
P.O.No. 253-34-73

0043/0232
10 April 1973

Title: Cardetari Asupra Biologiei Principalelor Unitzi
Defoliatoare ale Stejarului

Author: Ing. Dissectu Gabriela

Source: 1963 ppl-28

Language: Romanian

Instructions: No paste-up, leave space. Translate all
captions.

CP Position on Czechoslovak Problem Questioned,
by S. Gabrielson, 5 pp.
SWEDISH, np, ~~Horskensfläskan~~, Inlee,
29 Oct 1969, pp 4, 5.
JPRS 49282

S. Gabrielson

WE-Sweden
Pol
Nov 69

396,396

Change of Some Physico-Chemical Indicators of
Heat in the Process of Keeping it at -2
to 5°C , by M. Gabrieli'yan, L. Malyutina,
RUSSIAN, per, Myasnaya Industriya 84911,
Vol XXXVII, No 2, 1966, pp 41-43.

NLL RTS 3863

On Loan Only

Sci-54M
Jul 67

350,61M

N. D. Gabrielyan

Specificity of a Series of Glucosylation
Enzymes With Regard to the Structure of
the Hexose Residue of Uridine-Diphosphate-
Glucose, by N. D. Gabrielyan.

RUSSIAN, per, Dok Ak Nauk SSSR, Biokhimi.,
Vol 199, No 4, August 1971, pp 958-964.
CB

Mar 72

G. A. Gabrielyants

Classification of Non-Structural Oil and Gas
Pools, by G. A. Gabrielyants.
RUSSIAN, per, Geologiya Nefti i Gaza, Vol. 11,
No 4, 1970, pp 47-51.
NTC 71-14633-081

Feb 72

Uzbek Official Discusses Cotton Production, by
G. Gabriyel'yants, 6 pp.
RUSSIAN, np. Izvestiya, Moscow, 7 Apr 1971, p. 1.
JPRS 52758

Sci-Agr
Apr 71

G. Gabriyel'yants

Proliferative capacity in the acute lymphoblastic
After treatment with Antileukemic, by V. Gabutti.
ITALIAN, Fed. Boll. Soc. Ital. Biol. Sper. Vol. 43,
No 4, 1967, pp 191-195.

Sci-HI
10-27-68

V. Gabutti

Sci-8 and 9
Jan 69

371.7443

G. Kh. Gabuyev

Effect of casting conditions on the quality of the
~~roll~~ rolling surface of ball bearing steel. 6 pp.
RUSSIAN, Problemy Stal'nogo Slitka, 1969, pp 403-407
AIR/FTD-MT-24-730-72

nov 72

Reversible Change in the Absorption Spectrum and
Fluorescence of Adsorbates of Magnesium Pthalocyanine
and Chlorophyll, by V. F. Gachkovskiy.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 2,
May 1969, pp 471-473.

CB

V. F. GACHKOVSKIY

Mar 70

403,948

Self-Adjoint Extensions of Field Operators,
by V. P. Gachok
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 5,
Feb 1968, pp 1033-1035.
The Am Inst Phys.
Vol 13, No 2, August 1968

V. P. GACHOK

Sci-Physics
Oct 68

366,072

Yugoslav Agreements with Hungary, by I. Gacesa, 27
5 pp.
SERBIAN, per, Medjunarodni Transport, No 2,
Feb 1966, pp. 45-47.
JPRS 35083

I. Gacesa

EE-Yugoslav
Econ
Apr 66

299,336

New Agreement between Socialist Countries
on Customs Duties on Goods for Fairs and
Exhibits, by Ilija Gacesa, 8 pp.
CROATIAN, par, Međunarodni Transport, No
12, Dec 1965, pp. 74-76.
JPRS 34887

Ilija GACESA.

EE-Intrabloc
Econ
Apr 66

299,024

How Has Dutch River Shipping Conquered the
European Navigable Waterways, by Paul Gache,
FRENCH, per, Bulletin des Transports, No 1294,
Sept 1966, pp 476-481.
DIA LN 67-67

Sci-Nav
Jul 67

MM 331,712

Radar Systems on the 'Suffren' and 'Duquesne',
by Gachot, 12 pp.
GOVERNMENT USE ONLY
FRENCH, per, La Revue Maritime, Paris, Dec
1968, pp 1432-1443.
JPRS GUO 2964

Sci-Navi, Com, Det & CM
Mar 69

775 590

Internal Friction Peaks in the Vicinity of 420° C in
Zr-Hf-O Alloys, by J. Gacougnolle.
FREUCH, per, C. R. Acad Sci., Vol 270, 1970, pp 1151-1151.
*NIDS/NDS TT 71-55332
Available NDS Only

J. GACOUGNOLLE

July 71

Participation of Bone Marrow in the Caudation
of Bence, by I. D. Gadsakina, Zh. I. Abin-
nova, T. P. Viherskaya, 8 pp.

RUSSIAN, per, Gigiyena Truda i Professional'-
nyye Zabolevaniya, No 12, Dec 1965, pp. 3-7.
JPRS 34258

I. D. GADSKINA.

USSR
Sci-B/M
Mar 66

296,583

V. S. Gaidayenko

Problems in Laying Out Assembly Connections, by
M. Ye. Shlegel and V. S. Gaidayenko. 13 pp.
RUSSIAN, rpt, Primeneniye Vychislitel'noy Mashiny
dlya Proektirovaniya i Organizatsii Upravleniya
Shkole (The Use of Computers for Designing High-
tel Equipment. Collection of Articles), 1st-vo
Sovetskoye Radio, Moscow, 1968, pp 216-227.
AIR/FTD/HI-23-878-70

July 71

42
Regis Tobray and a New left Movement in Latin
America, by Ricardo Gadea, 5 pp.
SPANISH, per, Punto Final. Santiago,
18 Jan 68, pp. 18-19.
JPRS 44,975

Ricardo Gadea

LA(Peru)
Political
April 68

355,493

S. Gadea

New Materials for Piezoelectric Generators,
by S. Gadea, 6 pp.

ROMANIAN, per. Buletinul Inst Politehnice

"Gheorghe Gheorgiu-Dej", Vol 32, No 3,
1970, pp 137-142.

ACSI-K-2239

FSTC-HT-23-1644-72

May 72

Guerrilla Activity in Peru Reviewed, by Hilda
Gadeo, 10 pp.
GOVERNMENT USE ONLY
SPANISH, np, Juventud Rebelde, 4 July 1967,
p. 8.
JPRS GPO 2511

Hilda Gadeo

LA-Peru
Mil
Sept 67

339,100

M. Gadilhe

Road Building Material Supply for
the Paris Area, by M. Gadilhe.
FRENCH, per, Revue Generale des Routes
et des Aerodromes, Vol 35, 1965,
pp 95-103.
NTC 72-10516-13C

Apr 72

National Economic Plan and Economic Regula-
tors for 1968, by Otto Gado, 14 pp.
HUNGARIAN, per, Kommunistische Gazette, No 10,
Oct 1967, pp 1151-1164.
JPRS 43490

OTTO GADO

EE-Hungary
Econ
Dec 67

346,375

The Amortization Fund of the Farmers' Cooperatives, by Dr. Otto Gado, 8 pp.
HUNGARIAN, per, Magyar Mezőgazdaság, No. 4,
26 Jan 1966, pp. 3-5.
JPRS 34445

Otto Gado

EE-Hungary
Econ
Mar 66

295,901

Helena Gadomska

Cancer Cases in Poland Evaluated, by
Helena Gadomska, 11 pp.

POLISH, por, Wzrostle Publiczne, Warsaw,
No 4, Apr 71, pp 307-314.

PRS 51015

Dep 71

9
Investigation of Absenteeism Time Surveys,
by F. Burkhardt and F. Gadow.
GERMAN, per, Arbeitswissenschaft, Vol. 3,
No 3, 1966, pp 143-147.
RL Ref: 8313-A (9404)

F. Gadow

EE-East Germany
Born
July 68

350,142

Gadzhiev, S.

Determination of the Maximum Permissible TDS-
Charge when Freeing Trapped Drilling Pipes.
RAZVEDOCHNAYA GEOFIZIKA, No. 38, pp 127-133,
1970.

NTC 72-60921-081

Feb 73

V. V. Gadzhiev

On Some Explicit Difference Schemes for the
Hydrodynamics Equations.

RUSSIAN, per, Zhurnal Vychislitelnoi Matematiki
i Matematicheskoi Fiziki, Vol 11, 1971, pp 1605-
1605.

NTC 72-13501-20D

Nov 72

95
Industrial Accident Prevention Measures
Stressed, by R. A. Gadzhiyev, 5 pp.
RUSSIAN, per, Energetik, Moscow, No 10,
1969, pp 1-3.
JPRS 50047

R.A. Gadzhiyev
Sci-Tech, Ind, Civ & Mar Engr
Mar 70 402,406

Some Features of the Detachment of
Epithelial Cells in the Small Intestine of
Animals, by Z. M. Gadzhieva.
RUSSIAN, per, Voprosy Pitaniya, Vol 24, No 1,
1965, pp 66-71.
SIA TT-65-64529

Z M Gadzhieva

Sci-BAM
Jul 66

307,574

Farm Irrigation in Northern Caucasus Reviewed,
by A. A. Gadzhiev, 9 pp.
RUSSIAN, per. Gidrotekhnika i Melioratsiya,
Moscow, No 10, 1969, pp 1-6.
JPRS 49430

A. A. Gadzhiev

Sci-Agr1
Dec 69

396,624

Experimental Infection of Gornsid Ticks with
the Causative Agent of Anthrax, by A. T. Gadzhiziyev, F. A. Abushev, and S. I. Yuditakaya,
6 pp.

RUSSIAN, per, Izvestiya Akademii Nauk Azerbaidzhanской SSR Seriya Biologicheskikh nauk, No 6,
1965, pp. 53-57.

JPRS 36428

A. T. Gadzhiziyev

USSR
Sci-B/M
Aug 66

377,073

M. G. Gadahtyev

*Linear stability of three-dimensional equations of
hydrodynamics with viscosity and thermal conductivity*
7 pp.

RUSSIAN, Voprosy Vychislitel'noy Matematiki, 1974,

pp 39-44

AIR/AFSC FTD-HT-23-1077-72

Jan 73

71
Formula for Calculation of Petroleum Oil Viscosity
at Low Temperatures, by Sh. S. Gadzhiev.
RUSSIAN, per, Azerb. Neft. Khim., Vol 45, No 9,
1966, pp 39-40.
*PTD-AT-23-504-68

Sh. S. Gadzhiev
Sci/Int
Jul 68

A. Gajewski

Kalman Filter and Simple Extended-Kalman
Filter Algorithms, by A. Gajewski and
A. Maritzas. 23 pp.

POLISH, per, *Archiwum Automatyki i Teorii
Sygnałów*, Vol 25, No 1, 1970, pp 47-59.
AIR/PTN/IT-23-253-71

Sept 71

Sanitary Installations with Prefabricated
Elements, by A. Gaechter.

GERMAN, per, Schweizerischer Verein von
Gas- und Wasserfachmannern. Monatsbulletin, Vol 47, No 4, 1967, pp 77-90.

*TT 70-58062

Available from NDS

A. Gaechter

Sci-Mech

Mar 70

570
Skeleton Collective Contract on Wages and
Working Conditions for State Farm Workers,
by Christa Gaedecke, 7 pp.
GR1467, per, Die Deutsche Landwirtschaft,
No 7, Jul 1965, pp. 311-314.
JPRS 32175

Gaedecke

EE-Germany
Econ
Oct 65

EEG, JPRS

Concentration and the Formation of Metal Car-
bides, by I. Gauff.

GERMAN, per. Arch. Eisenh. No 7. 1934. pp 107-110.
•NBS TT 70-57483

Sci-Stat
Aug 70

I. Gauff

R. Gaertner

Results of Treatment With Dimethyl Sulfoxide in Scleroderma Circumscripta, by
R. Gaertner,
GERMAN, per, Dermatologische Wochenschrift,
Vol 154, 1968, pp 1015-1022.
NTC-71-10884-060

Nov 71

Meteorological Investigations on Lunar
Lunar Surface, by K. Ia. Kondrat'ev,
V. L. Gaevskiy,
RUSSIAN, ok. Problemy Fiziki Atmosfery,
no. 6, 1968, pp. 3-21
CIA X 7183

V. L. Gaevskiy,

Jan 70

401,285

A PI-Regulator with Non-Linear Intergrating
Action, by Yu. O. Abugov, M. D. Gufanov. *Izv.
RUSSIAN, per, Prikladnaya, No 12, 1966,
pp 12-14.*
Dept of Navy/ NPL/JMB 1-2037

M. D. Gufanov

Sci-Math
Oct 67

343,004

Soviet Programs to Convert Arab Nations to
Socialism, by A. Gafarov, 6 pp.
RUSSIAN, np. ~~Communist Tachikistan~~. Jan 1971,
4 Feb 1971, p 2.
JPRS 52560

A. Gafarov

USSR
Pol
Mar 71

12
The Schweißern Harbor - An Illustration
of an Exemplary Harbor Rationalization, by
Hans-Joachim Gaffron, Essen, 5 pp.
GERMAN, per, Der Verkehrs-Ingenieur, Vol. V,
No 4, April 1965, pp 21-23.
DIA LN 679-66

Hans-Joachim Gaffron

5. WE - 4/6
MAR 67

320,460

Practical Experience in the Radiation Hardening of
Lacquers, by H. Durr and K. Gafgen,
GERMAN, per. Ind. Lak. Bet., Vol 37, No 7, 1959,
pp 285-292.
BISI 8142

K. Gafgen

June 71

78
Automated Management Needs Now Approaching,
by L. Galt and D. Zyusin, 5 pp.
RUSSIAN, np, Literaturnaya Gazeta, 8 May
1968, p 10.
JPRS 45686

Sci-Cybernetics
Sept 68

316,000.

L. Galt

Professional work of the Cosmonaut,
by Yu. A. Gagarin, 10 pp.
RUSSIAN, rpt. United Nations Document.
A/CONF.34/V.B.5, 14 June 1968.
JPRS 46690

Sci-Space Tech
Oct 68

367,890

Yu. A. Gagarin

Determination of the Fragmentation Parameters
of the Anti-Charge Component of Primary Cosmic
Rays, by Yu. F. Gagarin, N. S. Ivanov.
RUSSIAN, for, Kosmicheskiye Issledovaniya, Vol
5, No 3, 1967, pp 450-455. PD10363767
Sci Tech Info Facility
ST-CP-NP-10656

Sci-Nucl Sci
Dec 67

341,217

Kinetics of Autooxidation of Polyene
Hydrocarbons, by A. B. Gagarina,
RUSSIAN, per, Dokl Ak Nauk SSSR, Phys Chem,
Vol 195, No 2, Nov 70, pp 387-390,
68

A. B. GAGARINA

Aug 71

The World of Original, by Richard L. Oring, pp
JAPANESE, Science News, Vol 90, Aug 66, No 2,
pp 1:0

Richard L. Oring

Sci

Apr 67

3:1,100